

Applicant : Christopher Eckman et al.  
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Attorney's Docket No.: 07039-235001

### REMARKS

Applicant respectfully requests entry of the amendments and remarks submitted herein. Claims 1-6, 10, and 16-39 have been canceled without prejudice to continued prosecution. Claim 7 has been amended, and new claims 40-48 have been added. Support for the amendment to claim 7 and for new claims 40-48 can be found in the originally filed claims and throughout the specification. Therefore, claims 7-9, 11-15, and 40-48 are currently pending. Attached is a marked-up version of the changes being made by the current amendments. Reconsideration of the pending application is respectfully requested.

### CONCLUSION

Applicant asks that all claims be examined. Enclosed is a check for \$55 for a Petition for One-Month Extension of Time. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: \_\_\_\_\_

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims:

Claim 7 has been amended as follows:

7. (Amended) A method of identifying a compound that increases the activity of an ECE polypeptide, the method comprising:

contacting A $\beta$  with an ECE polypeptide in the presence of said compound; and  
detecting the amount of unhydrolyzed A $\beta$ ,

wherein a decrease in the amount of unhydrolyzed A $\beta$  produced in the presence of said compound compared to the amount of unhydrolyzed A $\beta$  produced in the absence of said compound is an indication that said compound increases the activity of an ECE polypeptide.

New claims 40-48 have been added.